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 $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  **1970De12**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1970De12:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=30 MeV, measured  $\sigma(E(\text{Be}^7), \theta)$ .  $^{12}\text{C}$  deduced relative S.

1971De37:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=41 MeV, measured  $\sigma(10^\circ \text{ cm})$ .

1975Au01:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=26 MeV, measured  $\sigma(E(\text{Be}^7), \theta)$ . Deduced relative  $\alpha$ -particle S.

1976Pi10:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=25.5 MeV, measured  $\sigma(E(\text{Be}^7), \theta)$ . Deduced reaction mechanism.

1976St11:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=70 MeV, measured  $\sigma(\theta)$ . Deduced  $S_\alpha$ .  $^{12}\text{C}$  deduced levels.

1981Le01:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=41 MeV, analyzed  $\sigma(\theta)$ . Deduced potential parameters.

1987Ra37:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=41 MeV, measured  $\sigma(\theta)$ , asymmetry. Deduced model parameters, spin-orbit coupling role. DWBA.

1995Ma57:  $^{16}\text{O}(\text{He}^3, \text{Be}^7)$  E=60 MeV, analyzed  $\sigma(\theta)$ .

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 $^{12}\text{C}$  Levels

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E(level)

0

$4.4 \times 10^3$

$7.7 \times 10^3$

$9.6 \times 10^3$